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In re Patent Application of

HARRINGTON et al.

Atty. Ref.: 3594-2

Serial No. 09/087,574

Filed: May 29, 1998

For: PROCESS AND APPARATUS FOR CONDUCTING AUCTIONS OVER
ELECTRONIC NETWORKS

* * * * * # 7

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

REVOCATION AND POWER OF ATTORNEY

The undersigned being the owner of all right, title and interest in the above-identified patent, hereby revokes all previous powers of attorney in this case, and hereby appoints Nixon & Vanderhye, P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000, facsimile number (703) 816-4100, and the following attorneys thereof (of the same address) individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J.

HARRINGTON et al.
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Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515.

Certificate Under 37 C.F.R. §3.73(b)

I hereby certify that MuniAuction, Inc. of Suite 1212, Allegheny Building, 429 Forbes Avenue, Pittsburgh, Pennsylvania 15219 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to MuniAuction, Inc., copy attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of assignee.

MUNIAUCTION, INC.

12/27/99
Date

By:

Myles C. S. Harrington
Myles C. S. Harrington
President

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PATENT

Correspondent Name and Address

Area Code and Telephone Number

412-394-7789

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Name (line 1) Robert M. Panoff

Name (line 2)

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Name (line 2)

Execution Date
Month Day Year

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Name (line 2)

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ASSIGNMENT

WHEREAS, WE, Myles C. S. Harrington and Daniel J. Veres, residing in Pittsburgh, Pennsylvania and Pittsburgh, Pennsylvania, respectively, together with Robert M. Panoff, residing in Durham, North Carolina, have invented certain new and useful improvements, in a **Process For Conducting Auctions Over Electronic Networks**, for which we have prepared and filed on May 29, 1997, a provisional patent application, and for which we have prepared and executed herewith a utility application entitled **Process and Apparatus for Conducting Auctions Over Electronic Networks**;

AND, WHEREAS, MuniAuction, Inc., a corporation of Pennsylvania, having a place of business at Suite 1212, Allegheny Building, 429 Forbes Avenue, Pittsburgh, Pennsylvania, hereinafter called the "assignee," is desirous of acquiring the entire right, title, and interest in and to said applications and the inventions and improvements therein disclosed.

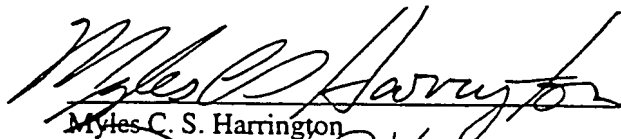
NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and all international applications (PCT), divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said regular applications claiming the benefit of said provisional application and said divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

We covenant that we are the lawful owners of the said applications, and the inventions and improvements therein disclosed, that the same are unencumbered, that no license has been granted to make, use, or sell the said inventions or improvements or any of them, and that we have the full right to make this assignment.

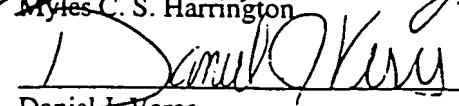
And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to use, testify in any legal proceedings, sign all lawful papers, execute all international (PCT), regular, divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary to expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

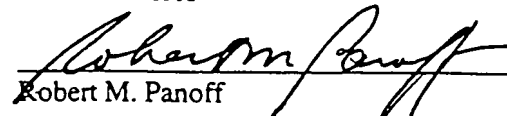
Date: 5/29/98


Myles C. S. Harrington

Date: 5/29/98


Daniel J. Veres

Date: 28 May 98


Robert M. Panoff